Author Index

AARTS, P.A.M.M., SIXMA, J.J., SAKARIASSEN, BOLHUIS, P.A. & HEETHAAR, R.M. The influence of red cell size on platelet–vessel wall interaction, 698.

ABELS, J., *see* MICHIELS, J.J., *see also* SINTNICOLAAS, K.

ADAMSON, J.W., *see* HAMMOND, W.P.

AISEN, P., *see* GROEN, R.

ARNAUD, F., *see* VON BARTHELD, M.

ASCARI, E., *see* CAZZOLA, M., *see also* STORTI, E.

ASH, R.C., *see* JANSEN, J.

AYMAND, G. Another approach to the treatment of idiopathic thrombocytopenic purpura, 544.

BACIGALUPO, A., *see* FRASSONI, F.

BAINES, A.J., BANGA, J.P.S., GRATZER, W.B., LINCH, D.C. & HUEHNS, E.R. Red cell membrane protein anomalies in congenital dyserythropoietic anaemia, type II (HEMPAS), 563.

BANGA, J.P.S., *see* BAINES, A.J.

BANISADRE, M., *see* ZANJANI, E.D.

BARKHAN, P., *see* SHEARER, M.J.

BAROSI, G., *see* CAZZOLA, M.

BARTHA, E., *see* SZELÉNYI, J.G.

BECKERS, C., *see* FERRANT, A.

BEDDALL, A.C., *see* STUART, J.

BEESER-VISSER, N., *see* SAKARIASSEN, K.S.

BEGENT, N.A., *see* ZAWILSKA, K.M.

BENNETT, B., *see* BOOTH, N.A.

BENSON, R.E. & DODDS, W.J. Impurity of lipaemia factor VIII preparations, 705.

BENTLEY, D.P., *see* CAVILL, I.

BENTLEY, P., *see* SALTISSI, D.

BENTLEY, S.A. Bone marrow connective tissue and the haemopoietic microenvironment, 1.

BENTLEY, S.A. Collagen synthesis by bone marrow stromal cells: a quantitative study, 491.

BERG, M. v.D., MOLENAAR, I., POPPEMA, S., NIEWEG, H.O. & HALIE, M.R. Follicular non-Hodgkin lymphomas; a clinical nor a histological entity?, 703.

BERNSTEIN, I., *see* LANE, J.

BERTI, G. & GOVONI, F. Erythrocytes with different surface immunological properties in the peripheral blood of β-thalassaemic patients, 175.

BERZUINI, C., *see* CAZZOLA, M.

BEUZARD, Y., *see* BLOUQUIT, Y.

BEVERLEY, P.C.L., *see* MILLS, K.H.G.

BEZKOROVAINY, A. *Biochemistry of Nonheme Iron* (Review), 177.

BILLIAU, A., *see* CLAEYS, H.

BLACKLOCK, H.A., *see* GILMORE, M.J.M.L., *see also* GRANGER, S.

BLIJHAM, G.H., KEATING, M.J., HESTER, J.P., MCCREDIE, K.B. & FREIREICH, E.J. Chemotherapy for chronic myelogenous leukaemia in blast crisis: anthracyclines, splenectomy and prognostic factors, 695.

BLOCH, R.F., *see* DE BOER, A.C.

BLOOM, A.L. & THOMAS, D.P. (eds.) *Haemostasis and Thrombosis* (Review), 547.

BLOOMFIELD, C.D., *see* MCKENNA, R.W.

BLOUQUIT, Y., BEUZARD, Y., VARNAVIDES, L., CHABRET, C., DUMEZ, Y., JOHN, P.N., RODECK, C. & WHITE, J.M. Antenatal diagnosis of haemoglobinopathies by Biorex chromatography of haemoglobin, 7.

BOHRER, S.P. *Bone Ischaemia and Infarction in Sickle Cell Disease* (Review), 713.

BOLHUIS, P.A., *see* AARTS, P.A.M.M.

BOND, A.N., HARRIS, G. & WICKRAMASINGHE, S.N. DNA chain elongation rates in marrow cells from vitamin B_{12}-deficient patients and methotrexate-treated mice, 299.

BOOGARTS, M.A., ROELANT, C., ZACHÉE, P. & VERWILGHEN, R.L. Granulocyte aggregating activity and acute respiratory distress syndrome (ARDS) during intermittent flow plasmapheresis, 686.

BOOTH, N.A. & BENNETT, B. Plasmin–α_2-antiplasmin complex as an indicator of *in vivo* fibrinolysis, 537.

BORN, G.V.R., *see* ZAWILSKA, K.M.

BOULVIN, S., *see* STEENSSENS, L.

BOUMA, B.N., VLOOSWIJK, R.A.A. & GRIFFIN, J.H. Immunological studies of human factor XI and prekallikrein: demonstration of complex formation with high MW kininogen, 688.

BOUMA, B.N., *see also* GRAAF, F. v.D.

BOYER, C., *see* MANNUCCI, P.M.

BRAND, A., *see* DEN OTTOLANDER, G.J.

BRAZIER, D.M., *see* GARDNER, B.

BRESLIN, B., *see* MCCANN, S.R.

BREWER, G. (ed.). *The Red Cell: Fifth Ann Arbor Conference* (Review), 713.

BRODSKY, I., *see* STRAYER, D.R.

BROODTAERTS, L., *see* VAN CAMP, B.

BROWN, L., *see* SOURIAL, N.A.

BROWN, M., *see* LANE, J.

BROWNING, J.D., *see* SMITH, A.G.

BROXMEYER, H.E., *see* STEINMANN, G.

BROZOVIĆ, B., *see* HUGHES, A.S.B.

BROZOVIĆ, M., *see* MACKIE, I.

BRUGUES, R., *see* ROZMAN, C.

BRUNNING, R.D., *see* MCKENNA, R.W.

BÜLLER, H.R., *see* THOMAS, L.L.M.

BULL, H., *see* MACKIE, I.

BUTT, R.W., *see* DE BOER, A.C.

BYNOE, A.G., SCOTT, C.S. & ROBERTS, B.E. Fc and complement receptor expression in megaloblastic anaemia, 699.

BYRNE, P.J., *see* JEMIONEK, J.F.

CAMPBELL, C.L., *see* STEINBERG, S.E.

CARANFA, M.J., *see* STRAYER, D.R.

CASILLAS, G. & SIMONETTI, C. Polyvinylpyrrolidone (PVP): a new precipitating agent for human and bovine factor VIII and fibrinogen, 665.

CAUWE, F., *see* FERRANT, A.

CAVILL, I. & BENTLEY, D.P. Erythropoiesis in the anaemia of rheumatoid arthritis, 583.

CAWLEY, J., *see* MORRIS, T.C.M.
CAWLEY, J.C., *see* MILLS, K.H.G.
CAZZOLA, M., BAROSI, G., BERZUINI, C., DACCO', M., ORLANDI, E., STEFANELLI, M. & ASCARI, E. Quantitative evaluation of erythropoietic activity in dysmyelopoietic syndromes, 55.
CETTO, G.L., *see* PIZZOLO, G.
CHABRET, C., *see* BLOUQUIT, Y.
CHAN, T.K., CHAN, W.C. & WEED, R.I. Erythrocyte hemighosts: a hallmark of severe oxidative injury *in vivo*, 575.
CHAN, W.C., *see* CHAN, T.K.
CHANARIN, I., *see* LEWIS, D.
CHANG, J., TESTA, N., GEARY, C.G. & SCOTT, D. Laboratory studies on marrows of patients with acute nonlymphocytic leukaemia in long-term remission, 694.
CHILOSI, M., *see* PIZZOLO, G.
CLAEYS, H., VAN DAMME, J., DE LEY, M., VERMYLEN, C. & BILLIAU, A. Activation of natural cytotoxicity of human peripheral blood mononuclear cells by interferon: a kinetic study and comparison of different interferon types, 85.
CLARE, C.N., *see* ROODMAN, G.D.
CLARK, J., *see* PROCTOR, S.J.
CLEGG, J.B., *see* WOOD, W.G.
COLES, G.A., *see* SALTISSI, D.
COLPIN, G., *see* WILLEMZE, R.
COTES, P.M. Immunoreactive erythropoietin in serum. I. Evidence for the validity of the assay method and the physiological relevance of estimates, 427.

DACCO', M., *see* CAZZOLA, M.
DAGG, J.H., *see* SMITH, A.G.
DALE, D.C., *see* HAMMOND, W.P.
DANIEL, M.-T., *see* GUGLIELMI, P.
DANKBAAR, H., WILLEMZE, R., SPAANDER, P.J. & GERAEDTS, J.P.M. Philadelphia chromosome positive T-ALL, 543.
DARBRE, P.D. Haemoglobin synthesis in CFU-derived erythroid colonies during sheep ontogeny, 473.
DARBRE, P.D., *see also* WOOD, W.G.
DAS, P.C., *see* VON BARTHELD, M.
DAVEY, P., *see* GOZZARD, D.I.
DAVIES, A.J., *see* INGLIS, T.C.M.
DAVIES, J.A., *see* MILLIGAN, D.W.
DAVIES, S.F., *see* ZANJANI, E.D.
DE BOER, A.C., TURPIE, A.G.G., BUTT, R.W., DUKE, R.J., BLOCH, R.F. & GENTON, E. Plasma betathromboglobulin and serum fragment E in acute partial stroke, 327.
DE GAST, G.C. & LOGTENBERG, T. Peanut agglutinin (PNA) binding as a marker for immature human B lymphocytes, 684.
DE HARVEN, E., *see* STEINMANN, G.
DE JONG, J.G.N., DEKKER, A.W., KAPTEIJN, R. & SIXMA, J.J. Two-dimensional electrophoresis patterns of membrane proteins from leukaemic myeloblasts and normal granulocytes after various ectolabelling procedures, 704.
DEKKER, A.W., *see* DE JONG, J.G.N.
DE LEY, M., *see* CLAEYS, H.
DEN OTTOLANDER, G.J., BRAND, A. & GRATAMA, J.W. Immune thrombocytopenia: long-term follow-up of 90 adults, with implications for therapy, 702.
DE VAAN, G.A.M. & VAN OOSTROM, C.G. The aplastic presentation of childhood leukaemia, 712.
DE VRIES-HOSPERS, H.G., *see* VELLENGA, E.
DE WAELE, M., *see* VAN CAMP, B.
DE WITTE, T., PLASS, A., SALDEN, M., SCHELTINGA-KOEKMAN, E., WESSELS, H. & HAANEN, C. Enrichment of progenitor cells (CFU_c) from bone marrow by counter flow centrifugation and density sedimentation, 701.
DICKINSON, A., *see* PROCTOR, S.J.
DIERICK, J., STAAL, G.E.J., RIJKSEN, G., DRIESSCHE, G.V. & PEETERMANS, M.E. Some interesting morphologic and clinical observations in a case of erythrocytic pyruvate-kinase deficiency, 692.
DODDS, W.J., *see* BENSON, R.E.
DRIESSCHE, G.V., *see* DIERICK, J.
DUKE, R.J., *see* DE BOER, A.C.
DUMEZ, Y., *see* BLOUQUIT, Y.

EATON, K.A., *see* THOMPSON, C.B.
ELLIS, V., *see* SCULLY, M.F.
ENAYAT, M.S., *see* HILL, F.G.H.
ENGELFRIET, C.P., *see* VON DEM BORNE, A.E.G.KR.
ESTER, A., *see* ROZMAN, C.
EVANS, D.I.K. & JOSEPH, A. Immunosuppressive treatment of idiopathic thrombocytopenic purpura in children, 684.
EVANS, D.I.K., *see also* HAWORTH, C.

FELIU, E., *see* ROZMAN, C.
FERRANT, A., CAUWE, F., MICHAUX, J.L., BECKERS, C., VERWILGHEN, R. & SOKAL, G. Assessment of the sites of red cell destruction using quantitative measurements of splenic and hepatic red cell destruction, 591.
FIEHN, W., *see* HO, A.D.
FIORE-DONATI, L., *see* PIZZOLO, G.
FIRKIN, B. *see* HOWARD, M.
FOA, R., OSCIER, D.G., HILLYARD, C.J., INCARBONE, E., MCINTYRE, I. & GOLDMAN, J.M. Production of immunoreactive calcitonin by myeloid leukaemia cells, 215.
FOX, R.M., *see* KEFFORD, R.F.
FRANCIS, G., *see* GRANGER, S.
FRASSONI, F., PODESTA', M., VAN LINT, M.T., MARMONT, A., ROSSI, E., VIMERCATI, R. & BACIGALUPO, A. GM-CFC growth in chronic granulocytic leukaemia is not affected by a soluble inhibitor released by aplastic anaemia T-cells or mitogen-primed normal T-lymphocytes, 647.
FREIREICH, E.J., *see* BLIJHAM, G.H.
FRIEDMAN, E.W., WILLIAMS, J.C. & PRENDERGAST, E. Polymorphonuclear leucocyte hypersegmentation in heat stroke, 169.
FROHM, B., *see* NILSSON, I.M.
FUJIOKA, S., *see* URABE, A.

GAFFNEY, P.J., *see* PHILO, R.D.
GAMBA, G., *see* STORTI, E.
GARDNER, B., BRAZIER, D.M. & HOLBURN, A.M. Quantitative quality control of antiglobulin reagents, 685.
GEARY, C.G., *see* CHANG, J.

GENTON, E., *see* DE BOER, A.C.
GEORGE, A.J., *see* INGLIS, T.C.M.
GEORGE, J., *see* HILL, F.G.H.
GERAEDTS, J.P.M., *see* DANKBAAR, H.
GILLESPIE, D.H., *see* STRAYER, D.R.
GILMORE, M.J.M.L., PRENTICE, H.G., BLACKLOCK, H.A., MA, D.D.F., JANOSSY, G. & HOFFBRAND, A.V. A technique for rapid isolation of bone marrow mononuclear cells using Ficoll–Metrizoate and the IBM 2991 blood cell processor, 619.
GIRMA, J.-P., *see* LAVERGNE, J.-M.
GOLDMAN, J.M., *see* FOA, R.
GOLDSTONE, A.H., *see* MILLS, K.H.G., *see also* PARRY, E.S.
GOODALL, M., *see* GOZZARD, D.I.
GOURDIN, M.-F., *see* GUGLIELMI, P.
GOVONI, F., *see* BERTI, G.
GOZZARD, D.I., DAVEY, P., SMALL, N.A., LEYLAND, M.J. & GOODALL, M. Hypomagnesaemia in acute leukaemia, 696.
GRAAF, F. V.D., RIETVELD, A. & BOUMA, B.N. Inhibition of kallikrein by α_2-macroglobulin, 689.
GRANĚNA, A., *see* ROZMAN, C.
GRANGER, S., JANOSSY, G., FRANCIS, G., BLACKLOCK, H., POULTER, L.W. & HOFFBRAND, A.V. Elimination of T-lymphocytes from human bone marrow with monoclonal T-antibodies and cytolytic complement, 367.
GRATAMA, J.W., *see* DEN OTTOLANDER, G.J.
GRATZER, W.B., *see* BAINES, A.J.
GRIFFIN, J.H., *see* BOUMA, B.N.
GROEN, R., HENDRICKSEN, P., YOUNG, S.P., LEIBMAN, A. & AISEN, P. Molecular ferrokinetics in the rabbit, 43.
GUGLIELMI, P., PREUD'HOMME, J.L., GOURDIN, M.-F., REYES, F. & DANIEL, M.-T. Unusual intracytoplasmic immunoglobulin inclusions in chronic lymphocytic leukaemia, 123.
GUITTARD, J.-P., *see* TAETLE, R.

HAANEN, C., *see* DE WITTE, T.
HAIJE, W.G., *see* SINTNICOLAAS, K.
HALIE, M.R., *see* BERG, M. V.D., *see also* SMIT, J.W.
HAMMOND, W.P., ADAMSON, J.W. & DALE, D.C. Canine cyclic haematopoiesis: the effect of endoxin on erythropoiesis, 283.
HANNAM-HARRIS, A., *see* NEWELL, D.G.
HARLOW, R.W.H. & LOWENTHAL, R.M. Erythrocyte membrane proteins in an unusual case of congenital dyserythropoietic anaemia type II (CDA II), 35.
HAROON, Y., *see* SHEARER, M.J.
HARRIS, G., *see* BOND, A.N.
HAVLIK, R.J., *see* KESSLER, C.M.
HAWKER, H., NEILSON, H., HAYES, R.J. & SERJEANT, G.R. Haematological factors associated with avascular necrosis of the femoral head in homozygous sickle cell disease, 29.
HAWORTH, C., EVANS, D.I.K., MITRA, J. & WICKRAMASINGHE, S.N. Thiamine responsive anaemia: a study of two further cases, 549.
HAYES, R.J., *see* HAWKER, H.
HEETHAAR, R.M., *see* AARTS, P.A.M.M.
HELENGLASS, G., *see* SMITH, A.G.
HENDRICKSEN, P., *see* GROEN, R.
HERMANS, J., *see* JANSEN, J.
HERNANDEZ NIETO, L., *see* ROZMAN, C.
HESTER, J.P., *see* BLIJHAM, G.H.
HILL, F.G.H., GEORGE, J. & ENAYAT, M.S. Changes in VIII:C, VIIIR:AG, VIIIR:WF and ristocetin-induced platelet aggregation during pregnancy in women with von Willebrand's disease, 691.
HILLMAN, R.S., *see* STEINBERG, S.E.
HILLYARD, C.J., *see* FOA, R.
HO, A.D., FIEHN, W. & HUNSTEIN, W. Intracellular lactic dehydrogenase and phosphohexose isomerase activity in leukaemia and malignant lymphoma, 637.
HOFFBRAND, A.V. & LEWIS, S.M. (eds.) *Postgraduate Haematology*, 2nd edn (Review), 180.
HOFFBRAND, A.V., *see also* GILMORE, M.J.M.L., *see also* GRANGER, S.
HOLBURN, A.M., *see* GARDNER, B.
HOLLÁN, S.R., *see* SZELÉNYI, J.G.
HOUDIJK, W., *see* SAKARIASSEN, K.S.
HOWARD, M., PERKIN, J., KOUTTS, J. & FIRKIN, B. Crossed affinity electrophoresis of factor VIII related antigen, 379.
HUEHNS, E.R., *see* BAINES, A.J., *see also* PARRY, E.S.
HUGHES, A.S.B. & BROZOVIĆ, B. Leucocyte depleted blood: an appraisal of available techniques, 381.
HUNSTEIN, W., *see* HO, A.D.

IBRAHIM, N.G., LUTTON, J.D. & LEVERE, R.D. The role of haem biosynthetic and degradative enzymes in erythroid colony development: the effect of haemin, 17.
INCARBONE, E., *see* FOA, R.
INGLIS, T.C.M., STUART, J., GEORGE, A.J. & DAVIES, A.J. Haemostatic and rheological changes in normal pregnancy and pre-eclampsia, 461.

JACKSON, C.W., *see* PUI, C.-H.
JANOSSY, G., *see* GILMORE, M.J.M.L., *see also* GRANGER, S., *see also* PIZZOLO, G.
JANSEN, J., ASH, R.C., ZANJANI, E.D., LEBIEN, T.W. & KERSEY, J.H. Monoclonal antibody BA-2 does not react with haematopoietic progenitor cells, 693.
JANSEN, J. & HERMANS, J. Clinical staging of hairy cell leukaemia, 700.
JEMIONEK, J.F., MACVITTIE, T.J., BYRNE, P.J., SCHLEIN, P.S. & WALDEN, D.A. Fractionation of mammalian bone marrow by counterflow centrifugation-elutriation using a continuous albumin gradient: analysis of granulocyte-macrophage colony-forming units, 257.
JOHN, P.N., *see* BLOUQUIT, Y.
JOHNSTONE, A.P. HLA-DR antigens on CLL lymphocytes, 378.
JOLLY, J.D., *see* JONES, J.B.
JONES, J.B. & JOLLY, J.D. Canine cyclic haematopoiesis: bone marrow adherent cell influence of CFU-C formation, 607.
JONES, P. (ed.) *Haemophilia Home Therapy* (Review), 181.
JONES, R.W., OLD, J.M., WOOD, W.G. & WEATHERALL, D.J. Restriction endonuclease maps of the β-like globin gene cluster in the British and Greek forms of HPFH, and for one example of $^{G}\gamma\beta^{+}$ HPFH, 415.
JOSEPH, A., *see* EVANS, D.I.K.
JOUSTRA-MAAS, N., *see* VON DEM BORNE, A.E.G.KR.

KAKKAR, V.V., *see* SCULLY, M.F.
KAPLAN, M.E., *see* ZANJANI, E.D.
KAPTEIJN, R., *see* DE JONG, J.G.N.
KARPAS, A., *see* NEWELL, D.G.
KEATING, M.J., *see* BLIJHAM, G.H.
KEFFORD, R.F. & FOX, R.M. Deoxycoformycin-induced response in chronic lymphocytic leukaemia: deoxyadenosine toxicity in non-replicating lymphocytes, 627.
KENNEDY, J., *see* MACKIE, I.
KERSEY, J.H., *see* JANSEN, J.
KESSLER, C.M., KLEIN, H.G. & HAVLIK, R.J. Uncontrolled thrombocytosis in chronic myeloproliferative disorders, 157.
KEUNING, J.J., *see* WILLEMZE, R.
KLEIN, H.G., *see* KESSLER, C.M.
KNAPP, W. (ed.) *Leukemia Markers* (Review), 713.
KOUTTS, J., *see* HOWARD, M.

LANE, J., BROWN, M., BERNSTEIN, I., WILCOX, P.K., SLICHTER, S.J. & NOWINSKI, R.C. Serological and biochemical analysis of the $P1^{A1}$ alloantigen of human platelets, 351.
LANGENHUIJSEN, M.M.A.C., *see* VAN RHENEN, D.J., *see also* VON DEM BORNE, A.E.G.KR.
LARRIEU, M.J., *see* LAVERGNE, J.-M., *see also* MANNUCCI, P.M.
LATALLO, Z.S., *see* POLLER, L.
LAVERGNE, J.-M., MEYER, D., GIRMA, J.-J. & LARRIEU, M.-J. Precipitating anti-VIII:C antibodies in two patients with haemophilia A, 135.
LAWN, R.M., *see* PAPAYANNOPOULOU, TH.
LEBIEN, T.W., *see* JANSEN, J.
LEIBMAN, A., *see* GROEN, R.
LESTAS, A.N., RODECK, C.H. & WHITE, J.M. Normal activities of glycolytic enzymes in the fetal erythrocytes, 439.
LEVERE, R.D., *see* IBRAHIM, N.G.
LEVITT, L.J. & QUESENBERRY, P.J. Further studies on the mechanism of marrow granulocytic hyperplasia in mice chronically injected with endotoxin, 269.
LEWIS, D., STOCKLEY, R.J. & CHANARIN, I. Changes in the mean corpuscular red cell volume in women with β-thalassaemia trait during pregnancy, 423.
LEWIS, S.M., *see* HOFFBRAND, A.V.
LEYLAND, M.J., *see* GOZZARD, D.I.
LINCH, D., *see* MORRIS, T.C.M.
LINCH, D.C., *see* BAINES, A.J., *see also* MILLS, K.H.G.
LINDEMANS, J., SPIJKERS, L. & VAN KAPEL, J. The analysis of cobalamin-coenzyme distribution in human plasma, 694.
LINDEMANS, J., *see also* MICHIELS, J.J.
LOGTENBERG, T., *see* DE GAST, G.C.
LOWENBERG, B., *see* SINTNICOLAAS, K.
LOWENTHAAL, F.M., *see* HARLOW, R.W.H.
LUCIE, N.P., *see* SMITH, A.G.
LUTTON, J.D., *see* IBRAHIM, N.G.

MA, D.D.F., *see* GILMORE, M.J.M.L.
MACHIN, S.J., *see* PITTILO, R.M.
MACKIE, I., BULL, H., KENNEDY, J. & BROZOVIĆ, M. Ristocetin-induced platelet agglutination in Afro-Caribbean and Caucasian people, 171.
MACKIE, I.J., *see* PITTILO, R.M.
MACNAMEE, R., *see* MILLIGAN, D.W.
MACRAE, I.A., *see* WOOD, W.G.
MACVITTIE, T.J., *see* JEMIONEK, J.F.
MAGRATH, I., *see* RAMOT, B.
MAHAN, L.C., *see* VICTORIA, E.J.
MANIATIS, T., *see* PAPAYANNOPOULOU, TH.
MANNUCCI, P.M., BOYER, C., WOLF, M., TRIPODI, A. & LARRIEU, M.J. Treatment of congenital antithrombin III deficiency with concentrates, 531.
MARCUS, R.E., *see* PARRY, E.S.
MARMONT, A., *see* FRASSONI, F.
MASOUREDIS, S.P., *see* VICTORIA, E.J.
MCCANN, S.R., WHELAN, C.A., BRESLIN, B. & TEMPERLEY, I.J. Lymphocyte sub-populations following splenic irradiation in patients with chronic lymphocytic leukaemia, 225.
MCCANN, S.R., *see also* WHELAN, C.A.
MCCREDIE, K.B., *see* BLIJHAM, G.H.
MCGLAVE, P.B., *see* ZANJANI, E.D.
MCGRATH, K.M., ZALCBERG, J.R., SLONIM, J. & WILEY, J.S. Intralipid induced haemolysis, 376.
MCGREGOR, A.M., *see* PROCTOR, S.J.
MCINTYRE, I., *see* FOA, R.
MCKENNA, R.W., PARKIN, J., BLOOMFIELD, C.D., SUNDBERG, R.D. & BRUNNING, R.D. Acute promyelocytic leukaemia: a study of 39 cases with identification of a hyperbasophilic microgranular variant, 201.
MCLACHLAN, S., *see* PROCTOR, S.J.
MEYER, D., *see* LAVERGNE, J.-M.
MICHAUX, J.L., *see* FERRANT, A.
MICHIELS, J.J., LINDEMANS, J., VAN VLIET, H.H.D.M. & ABELS, J. Survival kinetics of platelets and fibronogen in thrombocythaemia related to erythromelalgia, 690.
MILLIGAN, D.W., MACNAMEE, R., ROBERTS, B.E. & DAVIES, J.A. The influence of iron-deficient indices on whole blood viscosity in polycythaemia, 467.
MILLIGAN, D.W., TOOKE, J.E. & DAVIES, J.A. Calf blood flow following venesection in patients with polycythaemia, 702.
MILLS, G., *see* ROODMAN, G.D.
MILLS, K.H.G., WORMAN, C.P. & CAWLEY, J.C. T-cell subsets in B-chronic lymphocytic leukaemia, 710.
MILLS, K.H.G., WORMAN, C.P., LINCH, D.C., BEVERLEY, P.C.L., GOLDSTONE, A.H. & CAWLEY, J.C. An increase of $OKT8^+$ suppressor T cells in amegakaryocytic thrombocytopenia: the role of suppressor cells in the regulation of haematopoiesis, 683.
MITRA, J., *see* EVANS, D.I.K.
MIURA, Y., *see* MORRIS, T.C.M.
MOL, J.J., *see* VON DEM BORNE, A.E.G.KR.
MOLENAAR, I., *see* BERG, M. V.D.
MOORE, M.A.S., *see* STEINMANN, G.
MORRIS, T.C.M., VINCENT, P.C., LINCH, D., CAWLEY, J., SUDA, T., MIURA, Y. & TAKAKU, F. Inhibitory cells in aplastic anaemia, 706.
MULDER, N.H., *see* VELLENGA, E.
MURPHY, S., *see* PUI, C.-H.

NAPIER, J.A.F., *see* SALTISSI, D.
NATHAN, D.G. & OSKI, F.A. (eds.) *Haematology of Infancy and Childhood*, 2nd edn. (Review), 179.
NEILSON, H., *see* HAWKER, H.
NEWELL, D.G., HANNAM-HARRIS, A., KARPAS, A. & SMITH, J.L. The differential ultrastructural localization of immunoglobulin heavy and light chains in human haematopoietic cell lines, 445.
NIENHUIS, A.W., *see* STAMATOYANNOPOULOS, G.
NIEWEG, H.O., *see* BERG, M. v.D., *see also* VELLENGA, E.
NILSSON, I.M., ROTHMAN, U., STENBERG, P., FROHM, B. & PERSSON, N.H. A novel semi-synthetic sulphated polysaccharide with potent antithrombin activity, 335.
NOWINSKI, R.C., *see* LANE, J.
NYMAND, G. Another approach to the treatment of idiopathic thrombocytopenie purpura, 544.

OGSTON, D. & WALKER, J.E. An artificial circulation for the study of thrombolysis, 687.
OLD, J.M., *see* JONES, R.W.
OLTMANS, R., *see* ROOZENDAAL, K.J.
ORLANDI, E., *see* CAZZOLA, M.
OSCIER, D.G., *see* FOA, R.
OSKI, F.A., *see* NATHAN, D.G.
OYEYI, J., *see* SHEARER, M.J.

PAPAYANNOPOULOU, TH., LAWN, R.M., STAMATOYANNOPOULOS, G. & MANIATIS, T. Greek ($^{A}\gamma$) variant of hereditary persistence of fetal haemoglobin: globin gene organization and studies of expression of fetal haemoglobins in clonal erythroid cultures, 387.
PARKIN, J., *see* MCKENNA, R.W.
PARRY, E.S., THOMAS, M.J.G., MARCUS, R.E., GOLDSTONE, A.H. & HUEHNS, E.R. Characterization and transfusion of young erythrocytes, 701.
PEETERMANS, M.E., *see* DIERICK, J.
PEGELS, J.G., *see* VON DEM BORNE, A.E.G.KR.
PERKIN, J., *see* HOWARD, M.
PERSSON, N.H., *see* NILSSON, I.M.
PHILO, R.D. & GAFFNEY, P.J. Comparison of antithrombin III assays using biological and chromogenic substrates, 147.
PITTILO, R.M., ROWLES, P.M., MACKIE, I.J., MACHIN, S.J. & WOOLF, N. Cigarette smoking and platelet–vessel wall interactions, 698.
PIZZOLO, G., CHILOSI, M., CETTO, G.L., FIORE-DONATI, L. & JANOSSY, G. Immuno-histological analysis of bone marrow involvement in lymphoproliferative disorders, 95.
PLASS, A., *see* DE WITTE, T.
PODESTA', M., *see* FRASSONI, F.
POLLER, L. (ed.) *Recent Advances in Coagulation*, No. 3 (Review), 548.
POLLER, L. & LATALLO, Z.S. An assessment of an amidolytic assay for factor VII in the laboratory control of oral anticoagulants, 688.
POPPEMA, S., *see* BERG, M. v.D.
POULTER, L.W., *see* GRANGER, S.
PRENDERGAST, E., *see* FRIEDMAN, E.W.
PRENTICE, A.G., *see* SMITH, A.G.
PRENTICE, H.G., *see* GILMORE, M.J.M.L.
PREUD'HOMME, J.L., *see* GUGLIELMI, P.
PRICE, R., *see* PUI, C.-H.
PRINCIOTTA, S.M., *see* THOMPSON, C.B.
PROCTOR, S.J., MCGREGOR, A.M., CLARK, J., MCLACHLAN, S. & DICKINSON, A. Atypical T lymphoproliferative disorder demonstrating *in vitro* suppressor and helper characteristics, 231.
PUI, C.-H., WILLIAMS, D.L., SCARBOROUGH, V., JACKSON, C.W., PRICE, R. & MURPHY, S. Acute megakaryoblastic leukaemia associated with intrinsic platelet dysfunction and constitutional ring 21 chromosome in a young boy, 191.

QUESENBERRY, P.J., *see* LEVITT, L.J.

RAHIM, S., *see* SHEARER, M.J.
RAMOT, B. & MAGRATH, I. Hypothesis: The environment is a major determinant of the immunological sub-type of lymphoma and acute lymphoblastic leukaemia in children, 183.
REYES, F., *see* GUGLIELMI, P.
RICEVUTI, G. & RIZZO, S.C. Aplastic anaemia treated with lithium carbonate, 173.
RIETVELD, A., *see* GRAAF, F. v.D.
RIJKSEN, G., *see* DIERICK, J.
RIZZO, S.C., *see* RICEVUTI, G.
ROBERTS, B.E., *see* BYNOE, A.G., *see also* MILLIGAN, D.W.
RODECK, C., *see* BLOUQUIT, Y.
RODECK, C.H., *see* LESTAS, A.N.
ROELANT, C., *see* BOOGARTS, M.A.
ROODMAN, G.D., CLARE, C.N. & MILLS, G. Congenital dyserythropoietic anaemia type II (CDA-II): chromosomal banding studies and adherent cell effects on erythroid colony (CFU-E) and burst (BFU-E) formation, 499.
ROOZENDAAL, K.J. & OLTMANS, R. Pure red cell aplasia in chronic lymphocytic leukaemia, 697.
ROSE, M. *Curator of the Dead: Thomas Hodgkin (1798–1866)* (Review), 179.
ROSSI, E., *see* FRASSONI, F.
ROTHMAN, U., *see* NILSSON, I.M.
ROWLES, P.M., *see* PITTILO, R.M.
ROZMAN, C., FELIU, E., GRANÊNA, A., BRUGUES, R., WOESSNER, S. & VIVES CORRONS, J.L. Transient dyserythropoiesis in repopulated human bone marrow following transplantation: an ultrastructural study, 63.
ROZMAN, C., VIVES CORRONS, J.L., HERNANDEZ NIETO, L., FELIU, E. & ESTER, A. Idiopathic myelofibrosis: a possible role of immunological phenomena, 375.
RÜMKE, H., *see* SMIT, J.W.
RUSHIN, C.A., *see* THOMPSON, C.B.

SAKARIASSEN, K.S., HOUDIJK, W., BEESER-VISSER, N. & SIXMA, J.J. Components in the vessel wall to which factor VIII-von Willibrand factor may bind, 691.
SAKARIASSEN, K.S., *see also* AARTS, P.A.M.M.
SALDEN, M., *see* DE WITTE, T.
SALTISSI, D., COLES, G.A., NAPIER, J.A.F. & BENTLEY, P. The haematological response to CAPD: a comparison with haemodialysis (HD), 697.
SAROSI, G.A., *see* ZANJANI, E.D.
SAVIDGE, G.F., *see* SCULLY, M.F.

SCARBOROUGH, V., *see* PUI, C.-H.
SCHEIN, P.S., *see* JEMIONEK, J.F.
SCHELTINGA-KOEKMAN, E., *see* DE WITTE, T.
SCHOFIELD, K.P., *see* STUART, J.
SCOTT, D., *see* CHANG, J.
SCOTT, C.S., *see* BYNOE, A.G.
SCULLY, M.F., ELLIS, V., KAKKAR, V.V., SAVIDGE, G.F., WILLIAMS, Y.F. & STERNDALE, H. An acquired coagulation inhibitor to factor II, 655.
SERJEANT, G.R., *see* HAWKER, H.
SHEARER, M.J., OYEYI, J., RAHIM, S., HAROON, Y. & BARKHAN, P. Endogenous vitamin K_1 in human plasma measured by high-performance liquid chromatography, 690.
SIMONETTI, C., *see* CASILLAS, G.
SINTNICOLAAS, K., VELDEN, K. V.D., SIZOO, W., HAIJE, W.G., ABELS, J. & LOWENBERG, B. Comparison of 'prophylactic' and 'therapeutic' single-donor platelet transfusions in patients with acute leukaemia, 684.
SIXMA, J.J. & VAN DEN BERG, A. Morphology of the haemostatic plug in haemophilia A, 687.
SIXMA, J.J., *see also* AARTS, P.A.M.M., *see also* DE JONG, J.G.N., *see also* SAKARIASSEN, K.S.
SIZOO, W., *see* SINTNICOLAAS, K.
SLICHTER, S.J. Post-transfusion purpura: response to steroids and association with red blood cell and lymphocytotoxic antibodies, 599.
SLICHTER, S.J., *see also* LANE, J.
SLONIM, J., *see* MCGRATH, K.M.
SMALL, N.A., *see* GOZZARD, D.I.
SMIT, J.W., RÜMKE, H. & HALIE, M.R. Lymphocytes with parallel tubular structures: morphology, function and induction, 696.
SMIT SIBENGA, C.TH., *see* VON BARTHELD, M.
SMITH, A.G., LUCIE, N.P., DAGG, J.H., PRENTICE, A.G., HELENGLASS, G. & BROWNING, J.D. Ph^1 positive acute lymphoblastic leukaemia: experience of meningeal relapse in three cases, 695.
SMITH, J.L., *see* NEWELL, D.G.
SOKAL, G., *see* FERRANT, A.
SOURIAL, N.A. & BROWN, L. Regulation of cobalamin and folate metabolism by methionine in bone marrow culture, 693.
SPAANDER, P.J., *see* DANKBAAR, H.
SPIJKERS, L., *see* LINDEMANS, J.
STAAL, G.E.J., *see* DIERICK, J.
STAMATOYANNOPOULOS, G. & NIENHUIS, A.W. (eds.) *The Organization and Expression of Globin Genes* (Review), 548.
STAMATOYANNOPOULOS, G., *see also* PAPAYANNOPOULOU, TH.
STEENSSENS, L., BOULVIN, S. & VAN CAMP, B. Strong M autoantibodies in two asymptomatic patients, 686.
STEFANELLI, M., *see* CAZZOLA, M.
STEINBERG, S.E., CAMPBELL, C.L. & HILLMAN, R.S. The role of the enterohepatic cycle in folate supply to tumour in rats, 309.
STEINMANN, G., BROXMEYER, H.E., DE HARVEN, E. & MOORE, M.A.S. Immuno-electron microscopic tracing of lactoferrin, a regulator of myelopoiesis, into a subpopulation of human peripheral blood monocytes, 75.
STENBERG, P., *see* NILSSON, I.M.
STERNDALE, H., *see* SCULLY, M.F.
STOCKLEY, R.J., *see* LEWIS, D.
STONE, P.C.W., *see* STUART, J.
STORTI, E., ASCARI, E. & GAMBA, G. Post-operative complications and joint function after knee synovectomy in haemophiliacs, 544.
STRAYER, D.R., BRODSKY, I., CARANFA, M.J. & GILLESPIE, D.H. Quantitation of RNA-dependent platelet DNA polymerase in patients with myeloproliferative disorders, 521.
STUART, J., SCHOFIELD, K.P., STONE, P.C.W. & BEDDALL, A.C. Cytochemistry of the toxic granulation neutrophil, 692.
STUART, J., *see also* INGLIS, T.C.M.
STURK, A., *see* THOMAS, L.L.M.
SUDA, T., *see* MORRIS, T.C.M.
SUNDBERG, R.D., *see* MCKENNA, R.W.
SUZUKI, L.A. & THOMPSON, A.R. Factor IX antigen by a rapid staphylococcal protein A-membrane binding radioimmunoassay: results in haemophilia B patients and carriers and in fetal samples, 673.
SZELÉNYI, J.G., BARTHA, E. & HOLLÁN, S.R. Acetylcholinesterase activity of lymphocytes: an enzyme characteristic of T-cells, 241.

TAETLE, R. & GUITTARD, J.-P. Modulation of leukaemia blast colony growth by steroid hormones, 247.
TAKAKU, F., *see* MORRIS, T.C.M.
TEMPERLEY, I.J., *see* MCCANN, S.R.
TEN CATE, J.W., *see* THOMAS, L.L.M.
TESTA, N., *see* CHANG, J.
THIELEMANS, C., *see* VAN CAMP, B.
THOMAS, D.P., *see* BLOOM, A.L.
THOMAS, L.L.M., BÜLLER, H.R., STURK, A. & TEN CATE, J.W. Quantitative endotoxin determination in blood with a chromogenic substrate, relation with antithrombin III (AT III), plasminogen (PLG) and septicaemia, 689.
THOMAS, M.J.G., *see* PARRY, E.S.
THOMPSON, A.R., *see* SUZUKI, L.A.
THOMPSON, C.B., EATON, K.A., PRINCIOTTA, S.M., RUSHIN, C.A. & VALERI, C.R. Size dependent platelet subpopulations: relationship of platelet volume to ultrastructure, enzymatic activity, and function, 509.
TOOKE, J.E., *see* MILLIGAN, D.W.
TRIPODI, A., *see* MANNUCCI, P.M.
TURPIE, A.G.G., *see* DE BOER, A.C.

URABE, A. & FUJIOKA, S. Erythroid progenitors in paroxysmal nocturnal haemoglobinuria, 295.

VALERI, C.R., *see* THOMPSON, C.B.
VAN CAMP, B., THIELEMANS, C., BROODTAERTS, L. & DE WAELE, M. Simultaneous use of two monoclonal antibodies (OKI_a and OKT10) in the study of B-lymphocyte disorders, 683.
VAN CAMP, B., *see* STEENSSENS, L.
VAN DAMME, J., *see* CLAEYS, H.
VAN DEN BERG, A., *see* SIXMA, J.J.
VAN DEN TWELL, J.G. *et al* (eds.) *Malignant Lymphoproliferative Diseases* (Review), 178.
VAN DER REIJDEN, H.J., *see* VAN RHENEN, D.J.

VAN KAPEL, J., *see* LINDEMANS, J.
VAN LINT, M.T., *see* FRASSONI, F.
VAN OOSTROM, C.G., *see* DE VAAN, G.A.M.
VAN RHENEN, D.J., VAN DER REIJDEN, H.J., VAN'T VEER, M.B., VON DEM BORNE, A.E.G.KR. & LANGENHUIJSEN, M.M.A.C. Maturation index and cell surface marker analysis in adult acute myeloid leukaemia, 703.
VAN'T VEER, M.B., *see* VAN RHENEN, D.J.
VAN VLIET, H.H.D.M., *see* MICHIELS, J.J.
VARNAVIDES, L., *see* BLOUQUIT, Y.
VELDEN, K. V.D., *see* SINTNICOLAAS, K.
VELLENGA, E., MULDER, N.H., NIEWEG, H.O. & DE VRIES-HOSPERS, H.G. Endotoxin in paroxysmal nocturnal haemoglobinuria (PNH), 174.
VERMYLEN, C., *see* CLAEYS, H.
VERWILGHEN, R., *see* FERRANT, A.
VERWILGHEN, R.L., *see* BOOGARTS, M.A.
VICTORIA, E.J., MAHAN, L.C. & MASOUREDIS, S.P. The IgG binding function of the normal red cell plasma membrane: identification of integral polypeptides that bind IgG, 101.
VIMERCATI, R., *see* FRASSONI, F.
VINCENT, P.C., *see* MORRIS, T.C.M.
VIVES CORRONS, J.L., *see* ROZMAN, C.
VLOOSWIJK, R.A.A., *see* BOUMA, B.N.
VON BARTHELD, M., ARNAUD, F., SMIT SIBENGA, C.TH. & DAS, P.C. Cryopreservation of platelet concentrate: a comparison of DMSO and glycerol systems, 685.
VON DEM BORNE, A.E.G.KR., MOL, J.J., JOUSTRA-MAAS, N., PEGELS, J.G., LANGENHUIJSEN, M.M.A.C. & ENGELFRIET, C.P. Autoimmune haemolytic anaemia with monoclonal IgM(κ) anti-P cold autohaemolysins, 345.
VON DEM BORNE, A.E.G.KR., *see also* VAN RHENEN, D.J.

WALDEN, D.A., *see* JEMIONEK, J.F.
WALKER, J.E., *see* OGSTON, D.
WEATHERALL, D.J., *see* JONES, R.W., *see also* WOOD, W.G.
WEED, R.I., *see* CHAN, T.K.
WESSELS, H., *see* DE WITTE, T.
WHELAN, C.A., WILLOUGHBY, R. & MCCANN, S.R. T-cell function in chronic lymphocytic leukaemia, 111.
WHELAN, C.A., *see also* MCCANN, S.R.
WHITE, J.M., *see* BLOUQUIT, Y., *see also* LESTAS, A.N.
WICKRAMASINGHE, S.N., *see* BOND, A.N., *see also* HAWORTH, C.
WILCOX, P.K., *see* LANE, J.
WILEY, J.S., *see* MCGRATH, K.M.
WILLEMZE, R., ZWAAN, F.E., COLPIN, G. & KEUNING, J.J. High dose cytosine arabinoside for the treatment of refractory acute leukaemia, 699.
WILLEMZE, R., *see also* DANKBAAR, H.
WILLIAMS, D.L., *see* PUI, C.-H.
WILLIAMS, J.C., *see* FRIEDMAN, E.W.
WILLIAMS, Y.F., *see* SCULLY, M.F.
WILLOUGHBY, R., *see* WHELAN, C.A.
WOESSNER, S., *see* ROZMAN, C.
WOLF, M., *see* MANNUCCI, P.M.
WOOD, W.G., MACRAE, I.A., DARBRE, P.D., CLEGG, J.B. & WEATHERALL, D.J. The British type of non-deletion HPFH: characterization of developmental changes *in vivo* and erythroid growth *in vitro*, 401.
WOOD, W.G., *see also* JONES, R.W.
WOOLF, N., *see* PITTILO, R.M.
WORMAN, C.P., *see* MILLS, K.H.G.

YOUNG, S.P., *see* GROEN, R.

ZACHÉE, P., *see* BOOGARTS, M.A.
ZALCBERG, J.R., *see* MCGRATH, K.M.
ZANJANI, E.D., MCGLAVE, P.B., DAVIES, S.F., BANISADRE, M., KAPLAN, M.E. & SAROSI, G.A. *In vitro* suppression of erythropoiesis by bone marrow adherent cells from some patients with fungal infection, 479.
ZANJANI, E.D., *see also* JANSEN, J.
ZARKOWSKY, H.S. Membrane-active agents and heat-induced erythrocyte fragmentation, 361.
ZAWILSKA, K.M., BORN, G.V.R. & BEGENT, N.A. Effect of ADP-utilizing enzymes on the arterial bleeding time in rats and rabbits, 317.
ZWAAN, F.E., *see* WILLEMZE, R.

Subject Index

Acetylcholinesterase activity of lymphocytes: an enzyme characteristic of T-cells (SZELÉNYI, BARTHA & HOLLÁN), 241.
ADP-utilizing enzymes, effect on the arterial bleeding time in rats and rabbits (ZAWILSKA, BORN & BEGENT), 317.
Albumin gradient, continuous, fractionation of mammalian bone marrow by counterflow centrifugation-elutriation using a analysis of granulocyte-macrophage colony-forming units (JEMIONEK, MACVITTIE, BYRNE, SCHEIN & WALDEN), 257.
Alloantigen, $P1^{A1}$, of human platelets, serological and biochemical analysis of (LANE, BROWN, BERNSTEIN, WILCOX, SLICHTER & NOWINSKI), 351.
Anaemia, aplastic, inhibitory cells in (MORRIS, VINCENT, LINCH, CAWLEY, SUDA, MIURA & TAKAKU), 706.
Anaemia, aplastic, treated with lithium carbonate (RICEVUTI & RIZZO), 173.
Anaemia, autoimmune haemolytic, with monoclonal IgM (κ) anti-P cold autohaemolysis (VON DEM BORNE, MOL, JOUSTRA-MAAS, PEGELS, LANGENHUIJSEN & ENGELFRIET), 345.
Anaemia, congenital dyserythropoietic, type II: chromosomal banding studies and adherent cell effects on

erythroid colony (CFU-E) and burst (BFU-E) formation (ROODMAN, CLARE & MILLS), 499.
Anaemia, congenital dyserythropoietic, type II (HEMPAS), red cell membrane protein anomalies in (BAINES, BANGA, GRATZER, LINCH & HUEHNS), 563.
Anaemia, megaloblastic, Fc and complement receptor expression in (BYNOE, SCOTT & ROBERTS), 699.
Anaemia of rheumatoid arthritis, erythropoiesis in (CAVILL & BENTLEY), 583.
Anaemia, thiamine responsive: a study of two further cases (HAWORTH, EVANS, MITRA & WICKRAMASINGHE), 549.
Antiglobulin reagents, quantitative quality control of (GARDNER, BRAZIER & HOLBURN), 685.
Antithrombin III assays, comparison using biological and chromogenic substrates (PHILO & GAFFNEY), 147.
Antithrombin III deficiency, congenital, treatment with concentrates (MANNUCCI, BOYER, TRIPODI & LARRIEU), 531.

B-lymphocyte disorders, simultaneous use of two monoclonal antibodies (OKI_a and OKT 10) in the study of (VAN CAMP, THIELEMANS, BROODTAERTS & DE WAELE), 683.
B lymphocytes, immature human, peanut agglutinin binding as a marker for (DE GAST & LOGTENBERG), 684.
Bone marrow connective tissue and the haemopoietic microenvironment (BENTLEY), 1.
Book reviews
Biochemistry of Nonheme Iron, 177.
Bone Ischaemia and Infarction in Sickle Cell Disease, 715.
Curator of the Dead: Thomas Hodgkin (1798–1866), 179.
Haematology of Infancy and Childhood, 179.
Haemophilia Home Therapy, 181.
Haemostasis and Thrombosis, 547.
Leukemia Markers, 715.
Malignant Lymphoproliferative Diseases, 178.
Postgraduate Haematology, 180.
Recent Advances in Coagulation, No. 3, 548.
The Organization and Expression of Globin Genes, 548.
The Red Cell: Fifth Ann Arbor Conference, 716.

Calcitonin, immunoreactive, production of, by myeloid leukaemia cells (FOA, OSCIER, HILLYARD, INCARBONE, MCINTYRE & GOLDMAN), 215.
CAPD, the haematological response to: a comparison with haemodialysis (HD) (SALTISSI, COLES, NAPIER & BENTLEY), 697.
Chromosome, constitutional ring 21, in a young boy, acute megakaryoblastic leukaemia associated with intrinsic platelet dysfunction and (PUI, WILLIAMS, SCARBOROUGH, JACKSON, PRICE & MURPHY), 191.
Cobalamin-coenzyme distribution in human plasma, the analysis of (LINDEMANS, SPIJKERS & VAN KAPEL), 694.
Collagen synthesis by bone marrow stromal cells: a quantitative study (BENTLEY), 491.
Congenital dyserythropoietic anaemia type II (CDA II), erythrocyte membrane proteins in an unusual case of (HARLOW & LOWENTHAL), 35.
Cryopreservation of platelet concentrate: a comparison of DMSO and glycerol systems (VON BARTHELD, ARNAUD, SMIT SIBENGA & DAS), 685.

Destruction, red cell, assessment of the sites of, using quantitative measurements of splenic and hepatic red cell destruction (FERRANT, CAUWE, MICHAUX, BECKERS, VERWILGHEN & SOKAL), 591.
DNA chain elongation rates in marrow cells from vitamin B_{12}-deficient patients and methotrexate-treated mice (BOND, HARRIS & WICKRAMASINGHE), 299.
Dyserythropoiesis, transient, in repopulated human bone marrow following transplantation: an ultrastructural study (ROZMAN, FELIU, GRANĒNA, BRUGUES, WOESSNER & VIVES CORRONS), 63.
Dysmyelopoietic syndromes, quantitative evaluation of erythropoietic activity in (CAZZOLA, BAROSI, BERZUINI, DACCO', ORLANDI, STEFANELLI & ASCARI), 55.

Ectolabelling procedures, various, two-dimensional electrophoresis patterns of membrane proteins and normal granulocytes after (DE JONG, DEKKER, KAPTEIJN & SIXMA), 704.
Endotoxin determination, quantitative, in blood with a chromogenic substrate, relation with antithrombin III (AT III), plasminogen (PLG) and septicaemia (THOMAS, BÜLLER, STURK & TEN CATE), 689.
Endotoxin, further studies on the mechanism of marrow granulocytic hyperplasia in mice chronically injected with (LEVITT & QUESENBERRY), 269.
Endotoxin in paroxysmal nocturnal haemoglobinuria (VELLENGA, MULDER, NIEWEG & DE VRIES-HOSPERS), 174.
Endotoxin, the effect on erythropoiesis: canine cyclic haematopoiesis (HAMMOND, ADAMSON & DALE), 283.
Enzymes, glycolytic, in the fetal erythrocytes, normal activities of (LESTAS, RODECK & WHITE), 439.
Erythrocyte hemighosts: a hallmark of severe oxidative injury *in vivo* (CHAN, CHAN & WEED), 575.
Erythrocytes, young, characterization and transfusion of (PARRY, THOMAS, MARCUS, GOLDSTONE & HUEHNS), 701.
Erythroid colony development, the role of haem biosynthetic and degradative enzymes in: the effect of haemin (IBRAHIM, LUTTON & LEVERE), 17.
Erythroid progenitors in paroxysmal nocturnal haemoglobinuria (URABE & FUJIOKA), 295.
Erythromelalgia related to thrombocythaemia, survival kinetics of platelets and fibrinogen in (MICHIELS, LINDEMANS, VAN VLIET & ABELS), 690.
Erythropoiesis in the anaemia of rheumatoid arthritis (CAVILL & BENTLEY), 583.
Erythropoiesis, *in vitro* suppression of, by bone marrow adherent cells from some patients with fungal infection (ZANJANI, MCGLAVE, DAVIES, BANISADRE, KAPLAN & SAROSI), 479.
Erythropoietin, immunoreactive, in serum. I. Evidence for the validity of the assay method and the physiological relevance of estimates (COTES), 427.

Factor II, an acquired coagulation inhibitor to (SCULLY, ELLIS, KAKKAR, SAVIDGE, WILLIAMS & STERNDALE), 655.
Factor VII in the laboratory control of oral anticoagulants, an assessment of an amidolytic assay for (POLLER & LATALLO), 688.
Factor VIII related antigen, crossed affinity electrophoresis of (HOWARD, PERKIN, KOUTTS & FIRKIN), 379.
Factor VIII-von Willebrand factor may bind, components in the vessel wall to which (SAKARIASSEN, HOUDIJK, BEESER-VISSER & SIXMA), 919.
Factor IX antigen by a rapid staphylococcal protein A-membrane binding radioimmunoassay: results in haemophilia B patients and carriers and in fetal samples (SUZUKI & THOMPSON), 673.
Factor XI and prekallikrein, human, immunological studies of: demonstration of complex formation with high MW kininogen (BOUMA, VLOOSWIJK & GRIFFIN), 688.
Folate supply to tumour in rats, the role of the enterohepatic cycle in (STEINBERG, CAMPBELL & HILLMAN), 309.

Granulocyte aggregating activity and acute respiratory distress syndrome (ARDS) during intermittent flow plasmapheresis (BOOGARTS, ROELANT, ZACHEÉ & VERWILGHEN), 686.

Haematopoiesis, canine cyclic: bone marrow adherent cell influence of CFU-C formation (JONES & JOLLY), 607.
Haematopoiesis, canine cyclic: the effect of endotoxin on erythropoiesis (HAMMOND, ADAMSON & DALE), 283.
Haematopoietic progenitor cells, monoclonal antibody BA-2 does not react with (JANSEN, ASH, ZANJANI, LEBIEN & KERSEY), 693.
Haemoglobin, fetal, Greek ($^{A}\gamma$) variant of hereditary persistence of: globin gene organization and studies of expression of fetal haemoglobins in clonal erythroid cultures (PAPAYANNOPOULOU, LAWN, STAMATOYANNOPOULOS & MANIATIS), 387.
Haemoglobinopathies, antenatal diagnosis of, by Biorex chromatography of haemoglobin (BLOUQUIT, BEUZARD, VARNAVIDES, CHABRET, DUMEZ, JOHN, RODECK & WHITE), 7.
Haemoglobin synthesis in CFU-E-derived erythroid colonies during sheep ontogeny (DARBRE), 473.
Haemolysis, intralipid induced (MCGRATH, ZALCBERG, SLONIM & WILEY), 376.
Haemophilia A, morphology of the haemostatic plug in (SIXMA & VAN DEN BERG), 687.
Haemophilia A, precipitating anti-VIII:C antibodies in two patients with (LAVERGNE, MEYER, GIRMA & LARRIEU), 135.
Haemophiliacs, post-operative complications and joint function after knee synovectomy in (STORTI, ASCARI & GAMBA), 544.
Haemostatic and rheological changes in normal pregnancy and pre-eclampsia (INGLIS, STUART, GEORGE & DAVIES), 461.
Heat stroke, polymorphonuclear leucocyte hypersegmentation in (FRIEDMAN, WILLIAMS & PRENDERGAST), 169.
HLA-DR antigens on CLL lymphocytes (JOHNSTONE), 378.
HPFH, British and Greek forms of, restriction endonuclease maps of the β-like gene cluster in, and for one example of $^{G}\gamma\beta^{+}$ HPFH (JONES, OLD, WOOD & WEATHERALL), 415.
HPFH, non-deletion, the British type of: characterization of developmental changes *in vivo* and erythroid growth *in vitro* (WOOD, MACRAE, DARBRE, CLEGG & WEATHERALL), 401.
Hyperplasia, marrow granulocytic, further studies on the mechanism of, in mice chronically injected with endotoxin (LEVITT & QUESENBERRY), 269.
Hypomagnesaemia in acute leukaemia (GOZZARD, DAVEY, SMALL, LEYLAND & GOODALL), 696.

Idiopathic thrombocytopenic purpura, another approach to the treatment of (AYMAND), 544.
Idiopathic thrombocytopenic purpura in children, immunosuppressive treatment of (EVANS & JOSEPH), 684.
IgG binding function of the normal red cell plasma membrane: identification of integral polypeptides that bind IgG (VICTORIA, MAHAN & MASOUREDIS), 101.
Immunoglobulin heavy and light chains in human haematopoietic cell lines, the differential ultrastructural localization of (NEWELL, HANNAM-HARRIS, KARPAS & SMITH), 445.
Interferon, activation of natural cytotoxicity of human peripheral blood mononuclear cells by: a kinetic study and comparison of different interferon types (CLAEYS, VAN DAMME, DE LEY, VERMYLEN & BILLIAU), 85.
Isolation of bone marrow mononuclear cells, rapid, a technique for, using Ficoll–Metrizoate and the IBM 2991 blood cell processor (GILMORE, PRENTICE, BLACKLOCK, MA, JANOSSY & HOFFBRAND), 619.

Kallikrein, inhibition of, by α_2-macroglobulin (GRAAF, RIETVELD & BOUMA), 689.

Lactoferrin, a regulator of myelopoiesis, immuno-electron microscopic tracing of, into a subpopulation of human peripheral blood monocytes (STEINMANN, BROXMEYER, DE HARVEN & MOORE), 75.
Leucocyte depleted blood: an appraisal of available techniques (HUGHES & BROZOVIĆ), 381.
Leukaemia, acute, comparison of 'prophylactic' and 'therapeutic' single-donor platelet transfusions in patients with (SINTNICOLAAS, VELDEN, SIZOO, HAIJE, ABELS & LOWENBERG), 684.
Leukaemia, acute, hypomagnesaemia in (GOZZARD, DAVEY, SMALL, LEYLAND & GOODALL), 696.
Leukaemia, acute lymphoblastic, in children, the environment is a major determinant of (RAMOT & MAGRATH), 183.
Leukaemia, acute megakaryoblastic, associated with intrinsic platelet dysfunction and constitutional ring

21 chromosome in a young boy (PUI, WILLIAMS, SCARBOROUGH, JACKSON, PRICE & MURPHY, 191).
Leukaemia, acute non-lymphocytic, in long-term remission, laboratory studies on marrows of patients with (CHANG, TESTA, GEARY & SCOTT), 694.
Leukaemia, acute promyelocytic: a study of 39 cases with identification of a hyperbasophilic microgranular variant (MCKENNA, PARKIN, BLOOMFIELD, SUNDBERG & BRUNNING), 201.
Leukaemia, adult acute myeloid, maturation index and cell surface marker analysis in (VAN RHENEN, VAN DER REIJDEN, VAN'T VEER, VON DEM BORNE & LANGENHUIJSEN), 703.
Leukaemia, B-chronic lymphocytic, T-cell subsets in (MILLS, WORMAN & CAWLEY), 710.
Leukaemia blast colony growth, modulation by steroid hormones (TAETLE & GUITTARD), 247.
Leukaemia, childhood, the aplastic presentation of (DE VAAN & VAN OOSTROM), 711.
Leukaemia, chronic granulocytic, GM-CFC growth in, is not affected by a soluble inhibitor released by aplastic anaemia T-cells or mitogen-primed normal T-lymphocytes (FRASSONI, PODESTA', VAN LINT, MARMONT, ROSSI, VIMERCATI & BACIGALUPO), 647.
Leukaemia, chronic lymphocytic, deoxycorformycin-induced response in: deoxyadenosine toxicity in non-replicating lymphocytes (KEFFORD & FOX), 627.
Leukaemia, chronic lymphocytic, lymphocyte subpopulations following splenic irradiation in patients with (MCCANN, WHELAN, BRESLIN & TEMPERLEY), 225.
Leukaemia, chronic lymphocytic, pure red cell aplasia in (ROOZENDAAL & OLTMANS), 697.
Leukaemia, chronic lymphocytic, T-cell function in (WHELAN, WILLOUGHBY & MCCANN), 111.
Leukaemia, chronic lymphocytic, unusual intracytoplasmic inclusions in (GUGLEILMI, PREUD'HOMME, GOURDIN, REYES & DANIEL), 123.
Leukaemia, chronic myelogenous, in blast crisis, chemotherapy for: anthracyclines, splenectomy and prognostic factors (BLIJHAM, KEATING, HESTER, MCCREDIE & FREIREICH), 695.
Leukaemia, hairy cell, clinical staging of (JANSEN & HERMANS), 700.
Leukaemia, intracellular lactic dehydrogenase and phosphohexose isomerase activity in (HO, FIEHN & HUNSTEIN), 637.
Leukaemia, Ph^1 positive acute lymphoblastic: experience of meningeal relapse in three cases (SMITH, LUCIE, DAGG, PRENTICE, HELENGLASS & BROWNING), 695.
Leukaemia, refractory acute, high dose cytosine arabinoside for the treatment of (WILLEMZE, ZWAAN, COLPIN & KEUNING), 699.
Lipaemia factor VIII preparation, impurity of (BENSON & DODDS), 705.
Lymphocytes with parallel tubular structures: morphology, function and induction (SMIT, RÜMKE & HALIE), 696.
Lymphoma, immunological sub-type of, the environment is a major determinant of, in children (RAMOT & MAGRATH), 183.
Lymphoma, malignant, intracellular lactic dehydrogenase and phosphohexose isomerase activity in (HO, FIEHN & HUNSTEIN), 637.
Lymphoma, non-Hodgkin, follicular; a clinical nor a histological entity? (BERG, MOLENAAR, POPPEMA, NIEWEG & HALIE), 703.
Lymphoproliferative disorders, immunohistological analysis of bone marrow involvement in (PIZZOLO, CHILOSI, CETTO, FIORE-DONATI & JANOSSY), 95.

M antibodies, strong, in two asymptomatic patients (STEENSSENS, BOULVIN & VAN CAMP), 686.
Membrane-active agents and heat-induced erythrocyte fragmentation (ZARKOWSKY), 361.
Methionine in bone marrow culture, regulation of cobalamin and folate metabolism by (SOURIAL & BROWN), 693.
Molecular ferrokinetics in the rabbit (GROEN, HENDRICKSEN, YOUNG, LEIBMAN & AISEN), 43.
Myelofibrosis, idiopathic: a possible role of immunological phenomena (ROZMAN, VIVES CORRONS, FELIU & ESTER), 375.
Myeloproliferative disorders, quantitation of RNA-dependent platelet DNA polymerase in patients with (STRAYER, BRODSKY, CARANFA & GILLESPIE), 521.

Neutrophil, toxic granulation, cytochemistry of (STUART, SCHOFIELD, STONE & BEDDALL), 692.

Paroxysmal nocturnal haemoglobinuria, endotoxin in (VELLENGA, MULDER, NIEWEG & DE VRIES-HOSPERS), 174.
Paroxysmal nocturnal haemoglobinuria, erythroid progenitors in (URABE & FUJIOKA), 295.
Peanut agglutinin (PNA) binding as a marker for immature human B lymphocytes (DE GAST & LOGTENBERG), 684.
Philadelphia chromosome positive T-ALL (DANKBAAR, WILLEMZE, SPAANDER & GERAEDTS), 543.
Plasmapheresis, intermittent flow, granulocyte aggregating activity and acute respiratory distress syndrome during (BOOGARTS, ROELANT, ZACHÉE & VERWILGHEN), 686.
Plasmin–α_2-antiplasmin complex as an indicator of *in vivo* fibrinolysis (BOOTH & BENNETT), 537.
Platelet subpopulations, size dependent: relationship of platelet volume to ultrastructure, enzymatic activity, and function (THOMPSON, EATON, PRINCIOTTA, RUSHIN & VALERI), 509.
Platelet–vessel wall interaction, the influence of red cell size on (AARTS, SIXMA, SAKARIASSEN, BOLHUIS & HEETHAAR), 698.
Platelet–vessel wall interactions, cigarette smoking and (PITTILO, BOWLES, MACKIE, MACHIN & WOOLF), 698.
Polycythaemia, calf blood flow following venesection in patients with (MILLIGAN, TOOKE & DAVIES), 702.
Polycythaemia, the influence of iron-deficient indices on whole blood viscosity in (MILLIGAN, MACNAMEE, ROBERTS & DAVIES), 467.
Polymorphonuclear leucocyte hypersegmentation in heat stroke (FRIEDMAN, WILLIAMS & PRENDERGAST), 169.

Polysaccharide, a novel semi-synthetic sulphated, with potent antithrombin activity (NILSSON, ROTHMAN, STENBERG, FROHM & PERSSON), 335.
Polyvinylpyrrolidone: a new precipitating agent for human and bovine factor VIII and fibrinogen (CASILLAS & SIMONETTI), 665.
Progenitor cells (CFU_c) from bone marrow, enrichment by counter flow centrifugation and density sedimentation (DE WITTE, PLAS, SALDEN, SCHELTINGA-KOEKMAN, WESSELS & HAANEN), 701.
Purpura, post-transfusion: response to steroids and association with red blood cell and lymphocytotoxic antibodies (SLICHTER), 599.
Pyruvate-kinase deficiency, erythrocytic, some interesting morphologic and clinical observations in a case of (DIERICK, STAAL, RIJKSEN, DRIESSCHE & PEETERMANS), 692.

Rheological and haemostatic changes in normal pregnancy and pre-eclampsia (INGLIS, STUART, GEORGE & DAVIES), 461.
Ristocetin-induced platelet agglutination in Afro-Caribbean and Caucasian people (MACKIE, BULL, KENNEDY & BROZOVIĆ), 171.

Sickle cell disease, homozygous, haematological factors associated with avascular necrosis of the femoral head in (HAWKER, NEILSON, HAYES & SERJEANT), 29.
Stroke, acute partial, plasma betathromboglobulin and serum fragment E in (DE BOER, TURPIE, BUTT, DUKE, BLOCH & GENTON), 327.

T-cell function in chronic lymphocytic leukaemia (WHELAN, WILLOUGHBY & MCCANN), 111.
β-Thalassaemia trait during pregnancy, changes in the mean corpuscular red cell volume in women with (LEWIS, STOCKLEY & CHANARIN), 423.
β-Thalassaemic patients, erythrocytes with different surface immunological properties in the peripheral blood of (BERTI & GOVONI), 175.
Thrombocythaemia related to erythromelalgia, survival kinetics of platelets and fibrinogen in (MICHIELS, LINDEMANS, VAN VLIET & ABELS), 690.
Thrombocytopenia, amegakaryocytic, an increase of $OKT8^+$ suppressor T cells in (MILLS, WORMAN, LINCH, BEVERLEY, GOLDSTONE & CAWLEY), 683.
Thrombocytopenia, immune: long-term follow-up of 90 adults, with implications for therapy (DEN OTTOLANDER, BRAND & GRATAMA), 702.
Thrombocytosis, uncontrolled, in chronic myeloproliferative disorders (KESSLER, KLEIN & HAVLIK), 157.
Thrombolysis, an artificial circulation for the study of (OGSTON & WALKER), 687.
T-lymphocytes, elimination of, from human bone marrow with monoclonal T-antibodies and cytolytic complement (GRANGER, JANOSSY, FRANCIS, BLACKLOCK, POULTER & HOFFBRAND), 367.
T lymphoproliferative disorder, atypical, demonstrating *in vitro* suppressor and helper characteristics (PROCTOR, MCGREGOR, CLARK, MCLACHLAN & DICKINSON), 231.

Vitamin K_1, endogenous, in human plasma measured by high-performance liquid chromatography (SHEARER, OYEYI, RAHIM, HAROON & BARKHAN), 690.
Von Willebrand's disease, changes in VIII:C, VIIIR:AG, VIIIR:WF and ristocetin-induced platelet aggregation during pregnancy in women with (HILL, GEORGE & ENAYAT), 691.